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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 5th October 1963

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

16th September 1963

89857. Rathindra Krishna Bose. Improved dry cell battery.
89858. V. R. Rao. Process for manufacture of calcium silicide.
89859. B. S. Kalsi. Balwant suspension cycle frame.
89860. B. S. Kalsi. Balwant suspension cycle frame.
89861. Ministerul Industriei Petrolului Si Chimiei. Process for the production of concentrated complex fertilizers.
89862. American Cyanamid Company. Phosphinyl imides, preparation thereof, and compositions. [Addition to No. 80178].
89863. Phillips Petroleum Company. Improvements in or relating to the polymerization butadiene.
89864. DowSmith, Inc. Filament winding apparatus.
89865. The Black Clawson Company. Paper machinery.
89866. N. V. Appleton Pty., Ltd. Operating mechanism for adjustable louvres and the like. (9th October 1962).
89867. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzoxazepine derivatives.
89868. The International Nickel Company (Mond) Limited. Improvements in and relating to welding and to materials for use therein. (21st September 1962).
89869. Dow Corning Corporation. Improvement in or relating to the treatment of leather.
89870. Union Carbide Corporation. Stabilised cattle dip formulation.
89871. Union Carbide Corporation. Pesticidal compounds.
89872. Union Carbide Corporation. Method and apparatus for manufacture of a composite laminated structure. (16th November 1961). [Divisional date 8th June 1962].
89873. Buss A. G. Method of continuous kneading and mixing, and to an arrangement for carrying out the method.
89874. Ciba Limited. New carboxylic acid amide azo dyestuffs and processes for their manufacture.
89875. Ciba Limited. Process for the manufacture of linear quinaclidones. [Addition to No. 76920].

89876. Standard Telephones and Cables Limited. Improved cable construction. (17th September 1962).
89877. Chambon Limited. Improvements in or relating to inking devices for printing machines using fatty inks.
89878. Cadbury Brothers Limited. Improvements in emulsifying agents. (18th October 1962).
89879. Veb Papiermaschinenwerke Freiberg. Method of taking up, moving and depositing moist or wet sheets of cardboard, and apparatus for carrying out this method.
89880. Esso Research and Engineering Company. Process for refining oils.
89881. Dorr-Oliver Incorporated. Manifolded hydro-cyclone unit.
89882. Farbenfabriken Bayer Aktiengesellschaft. Tanning agents. (21st May 1963).
89883. Simonacco Limited. Improvements in and relating to the mixing of materials. (25th September 1962).
89884. Imperial Chemical Industries Limited. Chemical process. (24th September 1962).
89885. British Nylon Spinners Limited. Double-faced knitted fabrics, method and apparatus for the production thereof. (21st September 1962).
89886. Telefonaktiebolaget L. M. Ericsson. Jack strip for telephony purposes.

17th September 1963

89887. M. S. Pavri. An automatic seat reservation "indication" board which indicates to the public at a glance an upto-the-minute and exact position of the reservation of seats in Railways, Airlines, & State Transport Corporation Booking Offices.
89888. Combustion Engineering, Inc. System for reclaiming chemicals.
89889. Union Carbide Corporation. Process for concentrating solutions of heat-sensitive material.
89890. Cobra (Wood Treatment) Limited. Tool for injecting materials into wood. (27th September 1962).
89891. International Combustion (Holdings) Limited. Improvements in or relating to roller grinding mills. (25th September 1962).
89892. Deering Milliken Research Corporation. Process for modifying the characteristics of a structure containing keratin fibers.
89893. Deering Milliken Research Corporation. Process for modifying the characteristics of a structure containing keratin fibers.
89894. Deering Milliken Research Corporation. Process for modifying the characteristics of a structure containing keratin fibers.

89895. J. H. Brewer. Apparatus and method for separating certain components from blood.
89896. Armoride Limited. Improvements in or relating to the manufacture of laminates. [Addition to No. 70971].
89897. S. G. Brown Limited. Improvements in or relating to piezo-electric transducers. (28th November 1962).
89898. F. Hoffmann-La Roche & Co Aktiengesellschaft Compositions containing tertiary amines. [Divisional date 11th April 1962].
89899. Nitrox S. A. Process for the preservation of foods.
89900. N. V. Phillips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor devices and semi-conductor bodies from which by further treatment semi-conductor devices may be made, and semi-conductor devices and semi-conductor bodies obtained by carrying out these methods.
89901. N. V. Phillips Gloeilampenfabrieken. Improvements in or relating to iodine lamps.
89902. N. V. Phillips Gloeilampenfabrieken. Improvements in or relating to magazine-type recording and/or play-back apparatus.
89903. Hercules Powder Company. Improvements in or relating to polypropylene foam and process of making same.
89904. Aeroquip A. G. Segmental hose fitting.
89905. Aeroquip A. G. Coupling.
89906. Aeroquip A. G. Snap ring coupling.
89907. Aeroquip A. G. Swaged fitting. (21st May 1961).
89908. National Bulk Carriers, Inc. Davit.
89909. May & Baker Limited. Benzonitrile derivatives. (24th September 1962).
89910. Firma Dahpe A. G. Improvements in or relating to a machine for the manufacture of deep-drawn hollow articles from plastics material.
89911. The Julian Laboratories, Inc. Improvements in or relating to 17-aminomethyl-17-alkyltestosterone derivatives.
89912. Sperry Rand Corporation. Tape rewind control.
89913. Shell Internationale Research Maatschappij N. V. Quick release coupling, in particular for gas containers.
89914. Nashua Corporation. Gummed paper.
89915. B. K. Nirenski and Salas S. A. Improvements in or relating to a block in road-fabric.
89916. R. S. Shanbhag. Improved electric storage battery and method of manufacturing the same.
89917. F. R. Cruz. Improvements in or relating to centrifuge and/or hydro-extractor and the like.
- 18th September 1963
89918. A. D. Chitaley. Automatic syphon tank.
89919. B. K. Shaw Industries Private Limited. Improvements in or relating to vacuum flask or the like containers.
89920. E. Bettoni. Improvement in textile apparatus.
89921. S. M. Sayeed. A card punching machine with clockwork mechanism.
89922. I. Behl. Electrical rotatable mechanism.
89923. Hindusthan Bobbin Industries. Laminated wood for shuttles.
89924. Industrie-Compagnie Kleinewefere Konstruktions- und Handelsgesellschaft mbH. A method for the surface treatment of recuperator tubes.
89925. Ciba Limited. New imidazoles and process for their preparation.
89926. M & T Chemicals Inc. Novel chemical compound and compositions containing the same. (25th September 1962).
89927. Lipla. Lyonnaise Industrielle Pharmaceutique. New carboxylic acids alpha-substituted by at least one cyclic radical and their processes of preparation.
89928. C. G. L. Dussel. Process of producing elements of re-constituted stone.
89929. AMP Incorporated. Multi-aperture magnetic core assembly. [Addition to No. 72900].
89930. Harland and Wolff Limited. Improvements in or relating to ships. (22nd September 1962).
89931. Imperial Chemical Industries Limited. Rubber preservation process. (24th September 1962).
89932. Imperial Chemical Industries Limited. Rubber preservation process. (24th September 1962).
89933. Shell Internationale Research Maatschappij N. V. Process for the separation of hydrogen chloride gas from a gas mixture obtained in the catalytic oxidation of hydrogen chloride gas with an oxygen-containing gas.
89934. Shell Internationale Research Maatschappij N. V. Process for the separation of hydrogen chloride gas from a gas mixture obtained in the catalytic oxidation of hydrogen chloride gas with an oxygen-containing gas.
89935. Sperry Rand Corporation. Automatic exposure control for photographic copiers.
- 19th September 1963
89936. Monsanto Chemicals Limited. Production of agglomerates. (25th September 1962).
89937. Impower Works (Proprietary) Limited. Fluid torque transmitter by inertia.
89938. Rockwell-Standard Corporation. Brake system.
89939. Girling Limited. Improved disc for disc brakes. (27th September 1962).
89940. Girling Limited. Anti-skid device for vehicles. (27th September 1962).
89941. Pilkington Brothers Limited Improvements in or relating to the manufacture of flat glass. (20th September 1962).
89942. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (20th September 1962).
- 20th September 1963
89943. Dr. Manindra Mohan. Chakrabarty and Dipak Bhattacharya. New vegetable tallow substitute and process for the preparation of the same and their use as lubricants in sizing textile materials.
89944. H. Sardarkhan. Tooth-cure.
89945. K. Hussain. Combined utensil for hot drinks.
89946. Heyden Newport Chemical Corporation. Improvements in or relating to processes for the preparation of formaldehyde polymers.
89947. Allied Chemical Corporation. Halopropane production.
89948. Allied Chemical Corporation. Fluoro compound synthesis.
89949. Allied Chemical Corporation. Fluoro compounds.
89950. Allied Chemical Corporation. Process for the sulphonation of organic compounds and apparatus for use therein.
89951. Allied Chemical Corporation. Manufacture of fluorocarbons.
89952. Allied Chemical Corporation. Production of fluoro compounds.
89953. Westinghouse Brake and Signal Company Limited. Improvements in remote control arrangements. (2nd August 1963).
89954. Aluminium Laboratories Limited. Method of preparation of purified magnesium hydroxides. (3rd October 1962).
89955. The Bendix Corporation. Improvements in or relating to a manual follow-up brake applicator.
89956. Edward C. Levy & Company. Dumping vehicle for large vessels.
89957. Lansing Bagnall Limited. Improvements in or relating to apparatus for conveying cargo to or from a ship.

89958. Laporte Chemicals Limited. Improvements in or relating to peroxy compounds. (21st September 1962).

89959. Deering Milliken Research Corporation. Process for crimping thermoplastic filaments and apparatus therefor.

89960. Ciba Limited. Process for the production of color images by the silver dyestuff bleaching method.

89961. Ciba Limited. Chromium-containing azo dyestuffs and process for their manufacture.

89962. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to hot-gas reciprocating machines.

89963. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to devices for treating semi-conductor materials by melting.

89964. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to multi-channel generators.

89965. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices comprising an alternating current generator.

89966. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing cathode-ray tubes having a metallic anti-implosion girdle and cathode-ray tubes manufacture by such methods.

89967. V. R. Bhide. Vacuum flasks.

Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra), if sent out of India. Requisition for the supply of printed specifications should be accompanied by numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

79965. J. P. Mathur and P. P. Mathur. Improvements in or relating to fire detectors. Accepted on 17th September 1963.

Characterised in that breaking means is provided alongwith the wire to break the same when wire is exposed to a predetermined.

80253. Carrier Corporation. Refrigeration systems, particularly of the type adapted to provide either heating or cooling and their use in air-conditioning systems. Accepted on 19th September 1963.

Comprising a direct contact type evaporator vessel, heat exchange liquid being cooled in said vessel by direct contact with refrigerant liquid.

80404. K. Rajagopalan. Aryl substituted alkanes and process of making the same. Accepted on 17th September 1963.

Condensing respectively propylene polymers or predominantly propylene polymers mixed with ethylene polymers with a mono-nuclear hydrocarbon of the benzene series in presence of a condensation catalyst and recovering by distillation a product of boiling range 500-600°F.

80421. G. Datwyler. Improvements in or relating to transverse flow fans. Accepted on 19th September 1963.

A transverse flow fan having a casing and rotor in which the open arc is greater than 180°, and the casing of spiral shape is deflected by more than 130°.

80453. E. Koppelman and C. v. Bibra. Woven panel constructions and method and apparatus for making the same. Accepted on 17th September 1963.

Having rib ply containing woven rib and fill elements interwoven alternatively and at spaced intervals with face plies.

80587. British Nylon Spinners Limited. A continuous process for the manufacture of high molecular weight linear polyamides. (28th February 1961). Accepted on 19th September 1963.

By pumping an aqueous solution of the monomer which is a polymethylene diammonium salt of an aliphatic alpha, omega dicarboxylic acid into a long narrow tube heated to polymerisation temperature.

80823. Durand & Huguenin A. G. Method for the manufacturing of water-soluble leuco-sulphuric acid ester salts of the anthraquinone series. Accepted on 17th September 1963.

Reacting imido ester of anthraquinone series in a suitable medium with ammonia or amine.

80989. Artos Maschinenbau Dr. Ing. Meier Windhorst Method and device for the washing of broad webs, specially of textile webs. Accepted on 19th September 1963.

Characterised in that the washing bath is moved in relation to treated web in close proximity of the web.

81232. Imperial Chemical Industries (India) Private Limited. New colouration process for colouring cellulose textile fabrics. Accepted on 16th September 1963.

Applying reactive dyestuff in conjunction with acid-binding agent, then substance preventing further action between dyestuff fabric and heating to complete the same.

81234. The Cotton Silk and Man-Made Fibres Research Association. Control mechanism for a scutcher. (15th March 1961). Accepted on 16th September 1963.

Incorporating additional means sensitive to change affecting the proportionality on which the satisfactory indirect operation of the mechanism depend.

81257. Siemens & Halske Aktiengesellschaft. Improvements in transmission systems and transmitters and receivers therefor. (27th February 1962). Accepted on 16th September 1963.

Wherein the transmitter is adapted to transmit a main carrier frequency modulated by a frequency band together with an auxiliary carrier frequency lying outside one side band, produced by the modulation and wherein the main carrier frequency is at least partially suppressed.

81272. Mitsubishi Denki Kabushiki Kaisha. Electrically driven vehicle. Accepted on 16th September 1963.

Includes an inner rotor of wound type rigidly secured to the axle and connected to an external source of electric power, an outer rotor of squirrel cage type disposed outside and co-axially with the inner rotor for relative movement and brake means.

81286. Deutsche Edelstahlwerke Aktiengesellschaft and Howe Sound Company. Improvements relating to process for manufacturing high temperature corrosion and scale resistant articles. Accepted on 17th September 1963.

Consists of an alloy of aluminium and enriched on their surface exclusively with aluminium through diffusion, in such a way that the diffusion outside zone of 0.01 m.m. thickness has an aluminium contents of 2 to 8% preferably 5%.

81297. J. R. Geigy A-G Process for the production of reactive disazo dyestuffs, dyestuffs so produced, process of dyeing or printing textile fibres therewith and dyed or printed fibres so obtained Accepted on 19th September 1963.
- Acylating amino disazo dyestuff-X* $\text{NH}-\text{C}_6\text{H}_4-\text{N}=\text{N}-\text{C}_6\text{H}_4-(\text{NH})_{n-1}-\text{CONH}-(\text{C}_6\text{H}_5)(\text{SO}_3\text{H})-\text{N}=\text{N}-\text{Y}$ X being hydrogen or alkyl group, n is at most 2, m is at least 1, Y is 1-aryl 5-pyrazolone, compound, with halide or anhydride of carboxylic acid containing at least one mobile halogen atom or olefinic group.
81319. The English Electric Company Limited. Combustible gas detecting elements and apparatus (29th March 1961). Accepted on 18th September 1963.
- Comprises in combination a thermo-electric means enclosed within an electrically-insulating tubular member and a catalytic material carried externally on the tubular member.*
81343. The Western States Machine Company. Link suspended centrifugal Accepted on 17th September 1963.
- In which basket has bottom discharge and the structure supporting basket is cut away to provide a passage way for the solids from the basket.*
81354. Farbenfabriken Bayer Aktiengesellschaft Amines and the cyclic ureas thereof (19th December 1961) Accepted on 18th September 1963.
- Saponifying addition products obtained from alkylidene diurethanes or condensation products obtained from aldehydes and carbamic acid esters and cationic polymerizable mono- and/or polyolefines or unsaturated compounds.*
81379. V Caboni Device to be applied to a lathe, for spinning Accepted on 17th September 1963
- Includes a tool for deformation of the plate which is connected to the movable fulcrum of a lever determining its movement on one side caused by the movement of an arm of the lever that follows a fixed path, and on the other side by small movements of the second arm of the lever operated by the worker.*
81518. Farbenfabriken Bayer Aktiengesellschaft. New 2, 3-dimercapto-quinoxalines and pest control agents containing the same. (16th January 1962) [Addition to No 69301]. Accepted on 18th September 1963
- Comprises reacting a 2, 3-dimercapto-quinoxaline with an acid halide in presence of an acid-binding agent.*
81638. The Plessey Company Limited. Improvements in or relating to hydraulic power transmission systems Accepted on 17th September 1963.
- Position of pilot device is adjustable independently both by a transmitter and by a regulator responsive to excess pressure in the transmission system*
81832. Scientific Design Company, Inc. Method and apparatus for the production of styrene from ethyl benzene Accepted on 16th September 1963.
- Process for producing styrene involving dehydrogenation of ethyl benzene, which comprises carrying out the dehydrogenation at substantially isothermal conditions.*
81981. The Chloride Electrical Storage Company Limited Improved method of and means for applying active material to the plates of electric accumulators. (5th May 1961). Accepted on 20th September 1963
- Active material paste comprising a mixture of lead oxide in powder form with water and a water soluble thickening agent.*
81982. Polymer Corporation Limited. Polymerization process. (8th May 1961). Accepted on 19th September 1963
- Wherein the reaction mixture is disturbed immediately adjacent at least 50% of a cooled surface enclosing the reaction zone.*
82048. United Kingdom Atomic Energy Authority. Improvements in or relating to the hot pressing of solid bodies from compactable powder. (17th May 1961) Accepted on 17th September 1963.
- Die being releaseable from a supporting means after application of initial pressure compacting the powder in the die and the die being supported after release of said means by friction with the compressed powder and both punches being subsequently movable relative to the die.*
82069. Mecaplast S A Improvements in or relating to processes of manufacture by extrusion of hollow objects of plastic material. Accepted on 19th September 1963.
- Characterized in that the pressure or the rate of flow of the blowing fluid is caused to vary as a function of the distance between the extrusion nozzle and the sealed off extremity of the extruded tube*
82082. Reeves Brothers, Inc Process for dyeing thermoplastic long chain polymeric resins. Accepted on 16th September 1963
- Comprises incorporating in the polymer a metal having a valence of at least 2 and in a form soluble in the polymer and bringing the loaded polymer into contact with an aqueous dye bath containing a dyestuff which is insoluble in bath, which contains chromophore group, and which contains a carboxyl group in ortho position to a hydroxy group*
82094. Lodge-Cottrell Limited. Improvements in and relating to gas scrubbers. (30th May 1961). Accepted on 20th September 1963.
- A vertical gas conduit having adjustable means therein for varying the volume of gas flow and means for directing a diffused flow of liquid gas flow*
82144. Union Carbide Corporation. Biaxially oriented polypropylene film and method of producing same Accepted on 16th September 1963.
- Comprising a film forming polypropylene on a mixture of film-forming polypropylenes having an isotactic content of from 40 to 82 per cent by weight of the polypropylene (r)*
82256. Aluminium-Industrie-Aktien-Gesellschaft. Improvements relating to structural profiled metal bars Accepted on 19th September 1963.
- Having a pair of parallel webs side by side with a space between them, a cross wall connected to the webs, and on the side of the cross wall a pair of divergent walls being provided.*
82271. The Registrar University of Roorkee, Roorkee, U.P. Telephone system with equipment for automatic testing of subscribers' lines. Accepted on 17th September 1963.
- Consisting of a uniselector to which all the lines are wire, a heavy duty made contact relay, a signal source, an amplifier and a detector*
82291. Institut Francais Du Petrole, Des Carburants Et Lubrifiants Process for the protection of metals against corrosion at high temperature. Accepted on 19th September 1963.
- Applying an electrical potential difference between two electrodes where negative electrode being the metal to be protected, and the positive electrode being a solid conductor in direct contact with a solid corrosion product formed on metal to be protected*
82340. Yanmar Diesel Engine Co., Ltd Small internal combustion engines for marine use. Accepted on 19th September 1963.
- A small vertical type high-speed internal combustion engine being coupled with a light weight and compact reversing clutch mechanism.*

82345. Schering Aktiengesellschaft. Insecticide synergistic mixtures. Accepted on 16th September 1963.
Comprising an inactive carbamate and an active carbamate.
82530. S. A. Glaverbel. Method and apparatus for the skimming of molten glass. Accepted on 20th September 1963.
The surface layer of the glass being removed at shallow regions of the glass bath upstream of the barrier element and the glass removed being discharged towards the exterior of the furnace.
82550. Glaverbel. Process of production of continuous fire-polished glass sheet. Accepted on 17th September 1963.
In which the sheet is made to slide between a gaseous atmosphere and a bath containing a metal or an alloy denser than the glass.
82591. Symington Wayne Corporation. Valve arrangement for pump. Accepted on 19th September 1963.
Bypass chamber communicating with discharge chamber and with inlet opening, the communication between bypass and discharge chamber comprising a check port having a check valve mounted therein and a relief port having a pressure relief valve mounted therein.
82603. G. J. V. Elten. Apparatus for the continuous manufacture of light building panels. Accepted on 20th September 1963.
Having a plurality of moulds each having rims and a cutting device, said rims having means centering said cutting device at the place of contact of adjacent moulds and coupling the said device the moulds.
82686. Herman Pneumatic Machine Company. Foundry apparatus. Accepted on 17th September 1963.
Comprising means to deliver a flask into the flask support with the axis of the flask in horizontal position, means for shifting the flask support into a position in which the flask axis is in generally upright position, a former and means for forcing the former axially through mold forming material-flask.
82769. M. Aslam and S. T. Hasan. A process for the production of dry distempers. Accepted on 19th September 1963.
By mixing pigments with dead burned gypsum, casein or vegetable proteins and a water soluble chloride or sulphate.
82798. Standard Telephones and Cables Limited. Selection system for electrical circuits or equipment. Accepted on 19th September 1963.
Comprising a number of junctors and a common control circuit for these junctors.
82871. N. V. Philips Gloeilampenfabriken. Improvements in or relating to apparatus for conveying a plurality of identical articles and for delivering a single article to a holder at equal intervals in particular for delivering a filament for an electric filament lamp or discharge tube to a transport roller. Accepted on 16th September 1963.
Starting and intermediate stations are capable of temporarily holding an article in succession and passing the article on one to the other only when a succeeding intermediate or final station is empty.
82898. C. K. Anantheswaran. Improvements in or relating to the preparation of a pine oil substitute from the Indian oil of turpentine. Accepted on 17th September 1963.
Comprises reacting the oil with a mixture containing 40-50% sulphuric acid, 10-15% ethyl alcohol, and the rest water, under vigorous stirring, but without recourse to high temperatures or the use of emulsifiers.
82955. The Dow Chemical Company. Process for making foamable thermoplastic polymers by diffusion of a volatile fluid forming agent into the polymer granules. Accepted on 19th September 1963.
Characterised in that the particulate thermoplastic polymer is employed in the form of elongated segments or sections of polymer.
82956. The Dow Chemical Company. Process for making foamable thermoplastic polymers by diffusion of a volatile fluid foaming agent into the polymer granules. Accepted on 19th September 1963.
Characterized in that the dispersing agent employed comprises an organic high molecular weight water-soluble or water-dispersible material which is capable of substantially increasing the viscosity of aqueous phase and which is stable to thermal decomposition.
82980. Universal Oil Products Company. Purification of boron halides. Accepted on 18th September 1963.
Comprises contacting the boron halide with a liquid hydrocarbon, absorbing at least a portion of said impurities in said hydrocarbon and recovering the purified boron halide.
83085. S. A. Glaverbel. Process and device for improving the thermal uniformity of molten glass. Accepted on 20th September 1963.
In the roof the duct conducting the glass from melting furnace to working compartment, there is created a transverse temperature gradient, the general pattern of which is the reverse of the transverse temperature gradient which tends to become established in the glass flow.
83108. Standard Telephones and Cables Limited. Automatic telecommunication exchange equipment. Accepted on 19th September 1963.
Comprising a co-ordinate array of electronic gate circuits each of which interconnects an inlet to the array and an outlet from the array.
83131. Standard Telephones and Cables Limited. Radio direction finding system. (30th August 1961). Accepted on 20th September 1963.
In which the direction in azimuth of a received signal source is determined by comparison of the phase of a signal wave derived from the received signal with a reference signal of known phase.
83138. Great Lakes Carbon Corporation. Drying oil impregnation of carbon electrodes. Accepted on 16th September 1963.
Comprises the steps of subjecting the impregnated electrode at least one to steam at a pressure of at least 300 p.s.i. and then quickly releasing of the pressure.
83164. C. G. Rosenkranz, H. Halstenbach and A. Plutte. Weft bobbins. (13th June 1962). Accepted on 18th September 1963.
Weft yarn main winding comprises cylindrical cross-wound layers extending over the whole length of the tube-shank and a thickened sensing winding zone wound on the end of tube shank is provided between the cross-wound layers and the yarn reserve winding.
83243. K. Ramakrishnan. An improved liquid retaining structure. Accepted on 18th September 1963.
Liquid retaining structure being made up of a number of vertical hollow segments each functioning as a vertical cantilever the base of each segment being housed in a peripheral groove in base slab.
83290. Westinghouse Electric Corporation. Improvements in or relating to lightning arrester. Accepted on 18th September 1963.
Provided with means to establish an arc path exteriorly of insulating tube or tubes for transferring the fault current from the gas evolving elements.

83398. Milprint, Inc. Improved polypropylene films and thermoplastic resins for the production of such films. Accepted on 19th September 1963.
Comprises a blend of isotactic polypropylene and a substantially amorphous copolymer, characterized in that said copolymer is formed by an α -olefin and copolymerizable ethylenically unsaturated monomer containing an oxygen group.
83594. Caterpillar Tractor Co. Hydraulic circuit for tractor drawn scrapers and the like. Accepted on 17th September 1963.
Having separate conduits from each control means to respective fluid motors and single conduit for returning the fluid.
83652. Council of Scientific and Industrial Research. Improvements in or relating to magnesite refractories. Accepted on 19th September 1963.
Comprises by burning the same above 1200°C, preferably 1500 and 1650°C, followed by magnetic separation, whereby two highly refractory products are obtained.
83690. Siemens & Halske Aktiengesellschaft. Improvements in or relating to electromagnetic relays. (27th March 1962). Accepted on 16th September 1963.
The armature is arranged in a sealed housing partially of metal, wherein the housing acts as a relay contact.
83760. Stanton and Staveley, Limited formerly The Stanton Ironworks Company Limited. Improvements in and relating to the production of precast prestressed concrete overhead transmission poles, lamp standards and like products. (18th August 1961). Accepted on 19th September 1963.
In which reinforcing passing longitudinally through a tubular mould having a single slit from end to end are pretensioned, concrete is cast in the mould and after setting, the pretensioning forces are transferred to the ends of the article.
83805. J. Huber. A track installation, particularly for use in driving a motorless rail vehicle by electrodynamic forces. Accepted on 17th September 1963.
Track installation is provided with a plurality of current supply means, first bus-bar means electrically connected to first output terminals of said means, second bus-bar means electrically connected to second output terminals and electrical connection between said first and second bus-bar means to said first and second track rails respectively.
83844. British Visqueen Limited. Valved bags. (14th November 1961). [Addition to No. 81804]. Accepted on 17th September 1963.
Patch-piece secured to the outer surface of the bag wall, provided with a flap of thermoplastic material secured to the inside of the bag wall and adapted to cover the aperture.
83916. Hercules Powder Company. Improvements in or relating to cross-linking alpha-alkyl polymers with polysulfonazides and resulting product. (15th March 1962). Accepted on 17th September 1963.
Heating a polymer in presence of a polysulfonazide cross-linking agent.
83934. The Lummus Company. Continuous pulping process. Accepted on 19th September 1963.
Comprises impregnating degassed cellulosic material with a cooking liquor, digesting the impregnated material in a steam atmosphere, and leaching the digested material by counter-current washing.
83968. Council of Scientific and Industrial Research. A method for reconditioning the coated magnesium powders. Accepted on 19th September 1963.
Comprises in removing the oxide, carbonate, hydroxide, nitride and other coating formed during the manufacture or storage of magnesium powder, by treatment with chromic acid solution.
83975. Simon-Carves Limited. Means for separating froth from the surface of the effluent of a liquid treatment vessel. (29th September 1961). Accepted on 19th September 1963.
Comprising a froth discharge aperture in the vessel adjacent and above the upper surface of liquid, an effluent discharge aperture in vessel below the level of froth discharge aperture, means for causing the circulation of the upper region of the liquid in the vessel.
83998. J. J. Coney. Cementitious material and method of preparation thereof. Accepted on 19th September 1963.
By attrition grinding of dry mixture of (A) 5-75% by wt. of unreacted calcium oxide, (B) 95-25% of mixture of silicon dioxide and aluminium oxide.
84018. U. T. Kapadia. Improvements in or relating to motor for electric clock. Accepted on 17th September 1963.
The rotor member consists of a toothed driving wheel, a permanent magnetic disc fixed to the driving wheel, the combination being fixed to an axle and supported on main bearing which is fixed in the centre of the lower stator body which has several equally spaced projections.
84024. G. W. Hogg. Improvements in or relating to sprinklers for salt, pepper and like powdery or granular articles. Accepted on 18th September 1963.
Characterised in that the container is provided therein with pieces of a heavier and tougher material held captive inside the container when the bottom of the container is unsealed.
84044. N. V. Onderzoekingsinstituut Research. Gas treatment of a moving artificial multi-filament thread. Accepted on 17th September 1963.
Comprises directing a high velocity gas stream on to a thread running between guides, then into an enclosed space and subsequently on to the thread as secondary gas stream at a remote point.
84080. Ostara Mosaik-Und Wandplattenfabrik J. Faulhaber G.M.B.H. A profiled member for use in building structures. Accepted on 18th September 1963.
Comprising two opposite longitudinal marginal regions directed at an obtuse angle to a base surface and two opposing longitudinal boundary edges adjacent the marginal regions extending at right angles to the base surface of the member.
84117. Bristol Siddeley Engines Limited. Controls for vertical take-off aircraft. (14th September 1961). Accepted on 20th September 1963.
The orientation centre of the forward system being forward of and lower than the centre of gravity of the aircraft and the orientation centre of the rear system being rearward of and not higher than the centre of gravity and a control member arranged to adjust the nozzle system to vary the orientations of the thrust vectors.
84200. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for fixing a spool core on a winding table. Accepted on 17th September 1963.
A ring is arranged on the winding table to slide in an axial direction along guides provided inside the portion centering the spool core, said ring having several thrust plates arranged on it to be movable inwards and outwards in radial guides distributed along the periphery.
84291. Vickers-Armstrongs (Aircraft) Limited. Improvements in mirrors and method of manufacturing mirrors. Accepted on 17th September 1963.
The mirror is having a thin reflecting sheet material stretched over a supporting frame wherein the said frame has two components, the second component being capable of engaging the first component and holding it permanently in the extended condition.

84292. Vickers-Armstrongs (Aircraft) Limited. Improvements relating to the manufacture of mirrors. (30th July 1962). Accepted on 17th September 1963.

Apparatus for tensioning a sheet of film comprises means for supporting the sheet in a substantially flat condition and means for applying pneumatic suction to a face of the sheet along one or more selected zones thereof.

84335. Shell Internationale Research Maatschappij N. V. Apparatus for the automatic filling of vessels. Accepted on 17th September 1963.

Comprising a source of penetrating radiation and two radiation detectors which are associated therewith and arrayed at different levels, each of which gives an electric signal dependent on the intensity of radiation received.

84452. Associated Electrical Industries Limited. Improvements in and relating to electric transformers. (26th October 1961). Accepted on 17th September 1963.

A second winding electromagnetically coupled to the first winding has two series connected portions, one of which is mounted on the fixed core member and the other is mounted on the rotatable core member.

85275. Schlumberger Well Surveying Corporation. Well logging systems. Accepted on 19th September 1963.

Comprising a borehole instrument having upper and lower acoustic transmitters and at least two acoustic receivers, characterised by a system for alternately activating a transmitter and a receiver in a sequence to derive signals representative of acoustic properties of media surrounding the well bore.

85303. K.-F. Still. Improvements in and relating to wall assembly and wall blocks for coke oven heating flues. Accepted on 19th September 1963.

Cross walls extending between the side walls of the chamber are formed of stacked layers, the layers being of two types, and the layers of one type being arranged alternately to the layers of the other type.

85335. Lavorazione Materie Plastiche L. M. P. S.p.A. Improvements in screw presses for extruding synthetic thermoplastic materials. Accepted on 20th September 1963.

Use being made of a single barrel enclosing a pair of tightly intermeshing screws, the compression and decompression stages being provided on the screws smooth cylindrical sections transversely aligned therebetween by pairs.

Opposition Proceedings

(1)

An opposition has been entered by The Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd., to the grant of a patent on application No. 77511 made by W. R. Schmitz.

(2)

An opposition has been entered by The National Rayon Corporation Ltd., to the grant of a patent on application No. 77511 made by W. R. Schmitz.

(3)

An opposition has been entered by Juggilal Kamlapat Cotton Spinning & Weaving Mills Co. Ltd., to the grant of a patent on application No. 77511 made by W. R. Schmitz.

(4)

An opposition has been entered by Ing. A. Maurer S. A. to the grant of a patent on application No. 77511 made by W. R. Schmitz.

(5)

An opposition has been entered by Travancore Rayons Limited to the grant of a patent on application No. 77511 made by W. R. Schmitz.

(6)

An opposition has been entered by Godrej & Boyce Mfg. Co. Private Ltd., to the grant of a patent on application No. 78851 made by Chandan Metal Products Private Ltd.

(7)

The application for patent No. 77608 made by W. R. Schmitz in respect of which an opposition was entered by National Rayon Corporation Ltd., as advertised in Part III, Section 2 of the Gazette of India dated the 18th May 1963, has been treated as abandoned.

(8)

The application for patent No. 77609 made by W. R. Schmitz in respect of which an opposition was entered by National Rayon Corporation Ltd., as advertised in Part III, Section 2 of the Gazette of India dated the 1st June 1963, has been treated as abandoned.

Patents Sealed

76998.	77080.	77314.	77325.	77394.	78174.	78335.
78353.	78426.	78472.	78508.	78512.	78579.	78598.
78599.	78655.	78678.	78686.	78703.	78729.	78734.
78737.	78772.	78774.	78863.	78876.	78942.	78946.
79039.	79113.	79125.	78141.	78150.	78302.	79303.
79341.	79369.	79395.	79399.	79413.	79419.	79426.
79432.	79453.	79466.	79478.	79500.	79501.	79504.
79520.	79543.	79562.	79566.	79578.	79602.	79628.
79629.	79649.	79670.	79716.	79718.	79720.	79725.
79780.	79798.	79801.	79815.	79864.	79878.	79891.
79913.	79947.	79967.	79991.	80109.	80260.	80266.
80311.	80317.	80328.	80410.	80467.	80604.	80616.
81029.	81171.	81221.	81280.	81352.	81362.	81505.
81710.	82067.	84853.	86226.	86254.	86255.	

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that The Director, Geological Survey of India, 27, Chowringhee Road, Calcutta-13, West Bengal, India, an Indian citizen, seeks leave to amend the name, nationality and address of the Applicant in the application, specification and drawings in respect of Patent application No. 73410. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendment proposed by J. R. Geigy A. G. in respect of Patent application No. 65616 as advertised in the Gazette of India, Part III, Section 2 dated the 8th June 1963 has been allowed.

Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

73996 } FMC Corporation.
75897 }

Renewal Fees Paid

40576.	40801.	40822.	41810.	42043.	42113.	42170.
42275.	42285.	42811.	42812.	42925.	43853.	43863.
43992.	43993.	44098.	46169.	46238.	46348.	46504.
47882.	48026.	48108.	48160.	48193.	48194.	48211.
48212.	48233.	48264.	48268.	48276.	48321.	48322.
48327.	48347.	48408.	48416.	48499.	48626.	48748.
49187.	50358.	50396.	50425.	50426.	50448.	50489.
50595.	50701.	50931.	51510.	51952.	52856.	52861.
52878.	52892.	52975.	52986.	52997.	53047.	53154.
53186.	53187.	53193.	53195.	53236.	53355.	55386.
55434.	55471.	55482.	55483.	55538.	55536.	55582.
55587.	55596.	55634.	55672.	55699.	55759.	55881.
56034.	56111.	56237.	56555.	56597.	57301.	57522.
58448.	58560.	58561.	58609.	58615.	58621.	58646.
58656.	58679.	58680.	58689.	58715.	58717.	58745.
58747.	58750.	58756.	58775.	58799.	58802.	58817.
58849.	58896.	58929.	58957.	58996.	60200.	60201.
61430.	61744.	61906.	61933.	61937.	62007.	62097.

62104.	62147.	62148.	62149.	62200.	62203.	62216.
62224.	62237.	62346.	62347.	62369.	62370.	62396.
62407.	62416.	62419.	62437.	62508.	62509.	62510.
62525.	62526.	62527.	62530.	62601.	62626.	62627.
62895.	63278.	63324.	63349.	64239.	64463.	65003.
65280.	65293.	65302.	65306.	65333.	65334.	65366.
65378.	65448.	65455.	65468.	65472.	65496.	65497.
65504.	65561.	65572.	65598.	65620.	65630.	65636.
65637.	65752.	65796.	65820.	65826.	65876.	65906.
65911.	65936.	66116.	66172.	66215.	66309.	66340.
67185.	68476.	68743.	68761.	68839.	68840.	68841.
69050.	69117.	69181.	69189.	69200.	69313.	69332.
69348.	69361.	69362.	69368.	69386.	69453.	69463.
69464.	69475.	69484.	69512.	69513.	69530.	69540.
69600.	69628.	69657.	69689.	69731.	69788.	69805.
69859.	69866.	69868.	69886.	69916.	70009.	70087.
70099.	70104.	70218.	70501.	71987.	72530.	73448.
73449.	73450.	73451.	73877.	74030.	74538.	75895.
76325.	79027.					

Cessation of Patents

41517.	43286.	43296.	43308.	45269.	52088.	52097.
52113.	52974.	54688.	54689.	54691.	54710.	54719.
54728.	56229.	57411.	57556.	57565.	57618.	57622.
60626.	60756.	60765.	60774.	60780.	64020.	64306.
64327.	64359.	64365.	64366.	64383.	67950.	67951.
67953.	67961.	67978.	67981.	67983.	67990.	67996.
68007.	68009.	68017.				

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 5. No. 117787. Mercury Pharmaceuticals Industries, 62, Gurudwara Building, Vincent Road, Dadar, Bombay-14 (Maharashtra), Indian partnership firm, "Labels", April 17, 1963.

Class 13. Nos. 118667 and 118668. The Digvijay Spg. & Wvg. Co. Ltd., Indian National, Lalbaug, Parel, Bombay-33, "Printed furnishing fabric", July 11, 1963.

Class 13. Nos. 118878 to 118882, 118884 and 118886 to 118888. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13 Nationality—Indian, "Textile goods", July 29, 1963.

Class 13. Nos. 118916 to 118924. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", August 1, 1963.

Class 13. Nos. 118941 to 118949. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41-E, Parel Chawl Road, Lalbaug, Bombay-12, Nationality—Indian Business Concern (Private Limited Company), "Textile goods including silks and art-silk piecegoods", August 2, 1963.

Class 13. Nos. 119051 to 119063. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", August 19, 1963.

A. JOGARAO

Controller General of Patents, Designs and Trade Marks